

# updated EAST search

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 3347 | quantum with dot  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:15 |
| S6    | 1304 | semiconductor with quantum with dot   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:42 |
| S7    | 269  | S6 and silica   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:17 |
| S11   | 88   | S6 and (silica same (pore or porous))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:19 |
| S12   | 75   | S11 and hydrophobic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:33 |
| S13   | 2    | ("6379622").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2004/12/17 14:34 |
| S14   | 6    | ((("6528323") or ("5120643") or ("6503831"))).PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2004/12/21 16:11 |
| S15   | 3696 | (semiconductor with quantum with dot) or (semiconductor with nanocrystal) or (quantum with dot) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:42 |
| S16   | 694  | S15 and silica  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:42 |
| S17   | 158  | S15 and (silica same (pore or porous))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:43 |
| S18   | 107  | S17 and hydrophobic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2004/12/17 14:43 |

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|-----|-------|---|---|----|-----|------------------|
| S22 | 3696  | (semiconductor with quantum with dot) or (semiconductor with nanocrystal) or (quantum with dot) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 15:52 |
| S23 | 158   | S22 and (silica same (pore or porous))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 15:52 |
| S24 | 107   | S23 and hydrophobic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 15:52 |
| S25 | 24    | S24 and hydrocarbon   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 16:17 |
| S26 | 2     | ("6251303").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/17 16:38 |
| S38 | 10907 | hydrocarbon with silica   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 16:45 |
| S40 | 1463  | S38 and hydrophobic   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 16:45 |
| S42 | 521   | S40 and porous  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 16:47 |
| S45 | 84    | S42 and immobiliz\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/17 16:48 |
| S46 | 10909 | hydrocarbon with silica   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/21 16:11 |
| S47 | 783   | S46 with porous   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/21 16:11 |
| S48 | 7     | S47 same hydrophobic  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/21 16:11 |

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|-----|-----|--|---|----|-----|------------------|
| S49 | 191 | hydrocarbon with substrate with hydrophobic                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/21 17:06 |
| S50 | 6   | (hydrocarbon with substrate with hydrophobic) same silica          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/21 17:06 |
| S51 | 2   | ("6544732").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/22 13:24 |
| S52 | 2   | ("6503831").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/22 10:28 |
| S53 | 849 | hydrocarbon same hydrophobic same silica                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/22 10:29 |
| S54 | 38  | hydrocarbon same hydrophobic same silica same (deposit\$3 or coat) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2004/12/22 11:56 |
| S55 | 2   | ("6,468,808").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/22 11:57 |
| S56 | 2   | ("6,251,303").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/22 12:09 |
| S62 | 2   | ("6379622").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/12/22 13:27 |